

# ABSTRACT

## A METHOD FOR SYNCHRONIZATION ADAPTATION OF ASYNCHROUOUS DIGITAL DATA STREAMS

The present invention proposes a method for synchronization adaptation of asynchronous digital data streams comprising the steps of providing a first digital data stream (PCM\_IN) at a first sample rate (CLK\_1); inputting said first digital data stream (PCM\_IN) to a sample rate conversion means (SRC); supplying data output from said sample rate conversion means (SRC) to a processing element (BUFFER); storing said supplied data into said processing element (BUFFER); and outputting said data stored in said processing element as a second digital data stream (PCM\_OUT) at a second sample rate (CLK\_2), with said first and said second sample rates (CLK\_1, CLK\_2) being different from each other; and is characterized by the further steps of detecting a state (BUFFER\_STATUS) of said processing element (BUFFER); and controlling said sample rate conversion means (SRC) dependent on the detected state of said processing element. The present invention also proposes a device for synchronization adaptation of asynchronous digital data streams, operating according to such a method.